NEWS EXPRESS FEBRUARY 08 CURRENT WINDOWS VERSION IS V8.3,
AND CURRENT DISCOVER FILE IS DATED 24 JANUARY 2008

NEWS HOURS STN Operating Hours Plus Help Desk Availability
NEWS LOGIN Welcome Banner and News Items
NEWS IPC8 For general information regarding STN implementation of IPC 8

Enter NEWS followed by the item number or name to see news on that specific topic.

All use of STN is subject to the provisions of the STN Customer agreement. Please note that this agreement limits use to scientific research. Use for software development or design or implementation of commercial gateways or other similar uses is prohibited and may result in loss of user privileges and other penalties.

* * * * * * * * * * * * * * * * STN Columbus * * * * * * * * * * * * * * * *

FILE 'HOME' ENTERED AT 13:26:25 ON 13 FEB 2008

=> file ca

COST IN U.S. DOLLARS	SINCE FILE ENTRY	TOTAL SESSION
FULL ESTIMATED COST	0.21	0.21

FILE 'CA' ENTERED AT 13:26:44 ON 13 FEB 2008
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

FILE COVERS 1907 - 7 Feb 2008 VOL 148 ISS 7
FILE LAST UPDATED: 7 Feb 2008 (20080207/ED)

New CAS Information Use Policies, enter HELP USAGETERMS for details.

This file contains CAS Registry Numbers for easy and accurate substance identification.

=> s benzenesulfonylcarbomoyl and (erythromycin or azithromycin or homoerythromycin)
0 BENZENESULFONYLCARBOMOYL
18623 ERYTHROMYCIN
3796 AZITHROMYCIN
99 HOMOERYTHROMYCIN
L1 0 BENZENESULFONYLCARBOMOYL AND (ERYTHROMYCIN OR AZITHROMYCIN OR HOMOERYTHROMYCIN)

=> s benzenesulfonyl and carbamoyl
9083 BENZENESULFONYL
24918 CARBAMOYL
L2 291 BENZENESULFONYL AND CARBAMOYL

```
=> s l2 and (erythromycin or azithromycin or homoerythromycin)
         18623 ERYTHROMYCIN
          3796 AZITHROMYCIN
            99 HOMOERYTHROMYCIN
L3           2 L2 AND (ERYTHROMYCIN OR AZITHROMYCIN OR HOMOERYTHROMYCIN)

=> d l3 1-2

L3   ANSWER 1 OF 2  CA  COPYRIGHT 2008 ACS on STN
AN   140:407071  CA
TI   Substituted 9a-N-[N'-(benzenesulfonyl)carbamoyl
     -y-aminopropyl] and 9a-N-[N'-(b-cyanoethyl)-N'-(benzenesulfonyl)
     carbamoyl-y-aminopropyl] derivatives of 9-de-oxo-9-dihydro-9a-aza-
     9a-homo-erythromycin A and 5-O-desosaminyl-9-de-oxo-9-dihydro-9a-
     aza-homo-erythronolide A
IN   Kujundzic, Nedjeljko; Bukvic Krajacic, Mirjana; Brajsa, Karmen
PA   Pliva D.D., Croatia
SO   PCT Int. Appl., 30 pp.
     CODEN: PIXXD2
DT   Patent
LA   English
FAN.CNT 1
     PATENT NO.           KIND   DATE        APPLICATION NO.         DATE
     ---------------      ----   --------    --------------------    --------
PI   WO 2004043984         A1    20040527    WO 2003-HR57            20031110
         W:  AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN,
             CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE,
             GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK,
             LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NI, NO, NZ,
             OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM,
             TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW
         RW: BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ,
             BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE,
             ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK,
             TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG
     CA 2506573           A1    20040527    CA 2003-2506573         20031110
     AU 2003276487        A1    20040603    AU 2003-276487          20031110
     EP 1562966           A1    20050817    EP 2003-811033          20031110
         R:  AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT,
             IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, HU, SK
     CN 1711277           A     20051221    CN 2003-80103050        20031110
     JP 2006507314        T     20060302    JP 2004-550853          20031110
     IN 2005CN01192       A     20070810    IN 2005-CN1192          20050610
     US 2007270356        A1    20071122    US 2005-534261          20051130
     HK 1086576           A1    20070727    HK 2006-106516          20060607
PRAI HR 2002-886          A     20021111
     WO 2003-HR57         W     20031110
OS   MARPAT 140:407071
RE.CNT  2     THERE ARE 2 CITED REFERENCES AVAILABLE FOR THIS RECORD
              ALL CITATIONS AVAILABLE IN THE RE FORMAT

L3   ANSWER 2 OF 2  CA  COPYRIGHT 2008 ACS on STN
AN   137:201527  CA
TI   Preparation of 9a-N-[N'-(phenylsulfonyl)carbamoyl] derivatives
     of 9-deoxo-9-dihydro-9a-aza-9a-homoerythromycin A and of
     5-O-desosaminyl-9-deoxo-9-dihydro-9a-aza-9a-homoerythronolide A as
     antibacterial agents
IN   Kujundzic, Nedjeljko; Bukvic Krajacic, Mirjana; Dumic, Miljenko;
     Hasenohrl, Andrea
PA   Pliva D.D., Croatia
SO   PCT Int. Appl., 19 pp.
     CODEN: PIXXD2
DT   Patent
```

LA English
FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	WO 2002068438	A2	20020906	WO 2002-HR10	20020227
	WO 2002068438	A3	20040226		
	W: AU, BA, CN, CZ, EE, HU, ID, IL, IN, JP, KR, LT, LV, MK, MX, PL, RO, SI, SK, TR, UA, US, YU, ZA				
	RW: AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR				
	HR 2001000146	A1	20021231	HR 2001-146	20010228
	HR 2001000146	B1	20051031		
	AU 2002233564	A1	20020912	AU 2002-233564	20020227
	HU 2003003319	A2	20040128	HU 2003-3319	20020227
	EP 1414835	A2	20040506	EP 2002-700494	20020227
	EP 1414835	B1	20050504		
	R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, TR				
	ES 2240689	T3	20051016	ES 2002-700494	20020227
	RU 2270836	C2	20060227	RU 2003-122785	20020227
	US 2004077558	A1	20040422	US 2003-469253	20030828
	US 6852702	B2	20050208		
PRAI	HR 2001-146	A	20010228		
	WO 2002-HR10	W	20020227		

OS CASREACT 137:201527; MARPAT 137:201527

=> d l3 1-2 an ab

L3 ANSWER 1 OF 2 CA COPYRIGHT 2008 ACS on STN
AN 140:407071 CA
AB The invention relates to substituted 9a-N-[N'-(benzenesulfonyl) carbamoyl-γ-aminopropyl] and 9a-N-[N'-(β-cyanoethyl)-N'-(benzenesulfonyl)carbamoyl-γ-aminopropyl] derivs. of 9-de-oxo-9-dihydro-9a-aza-9a-homo-erythromycin A and 5-O-desosaminyl-9-de-oxo-9-dihydro-9a-aza-9a-homo-erythronolide A, novel semisynthetic macrolide antibiotics of the azide series, of the formula I, wherein R represents H or cladinosyl moiety, R1 represents H or β-cyanoethyl group and R2 represents H or fluoro, chloro and Me group, and pharmaceutically acceptable salts thereof with inorg. or organic acids, to the process for the preparation of pharmaceutical compns. as well as to the use their compns. for sterilization rooms and medical instruments as well as for protection of wall and wooden coatings. Test substances of title macrolide glycosides were active on susceptible strains of S. pyogenes (MIC 0.125 to 4.0 mg/L), and on susceptible strains on S. pneumoniae (MIC 0.125 to 8.0 mg/L). MIC values on susceptible S. aureus strains were from 1 to 16 mg/L. Substances showed strong antimicrobial activities on most tested Gram neg. strains; M. catarrhalis MIC from 0.25 to 16 mg/L, E. coli from 8 to 16 mg/L, E. faecalis from 2 to 8 mg/L.

L3 ANSWER 2 OF 2 CA COPYRIGHT 2008 ACS on STN
AN 137:201527 CA
AB The invention relates to 9a-N[N'-(phenylsulfonyl)carbamoyl] derivs. of 9-deoxo-9-dihydro-9a-aza-homoerythromycin A and 5-O-desosaminyl-9-deoxo-9-dihydro-9a-aza-9a-homoerythronolide A, novel semisynthetic macrolide antibiotics from the class of azalides, of the general formula I wherein R1 denotes H, C1-C4alkyl or halogen and R2 denotes H or cladinosyl radical, to their pharmaceutically acceptable addition salts with inorg. or organic acids, to intermediates and methods for their preparation, to a process for the preparation of pharmaceutical compns. as well as to the use of pharmaceutical compns. in the treatment of bacterial infections. Thus, 9-deoxo-9-dihydro-9a-N-[N'-(4-chlorobenzenesulfonyl) carbamoyl]-9a-aza-9a-homoerythromycin A was prepared by

condensation reaction of 9-deoxo-9-dihydro-9a-azahomoerythomycin A with 4-chlorobenzensulfonyl isocyanate. These glycoside macrolides were used as antibacterial agents (no data).